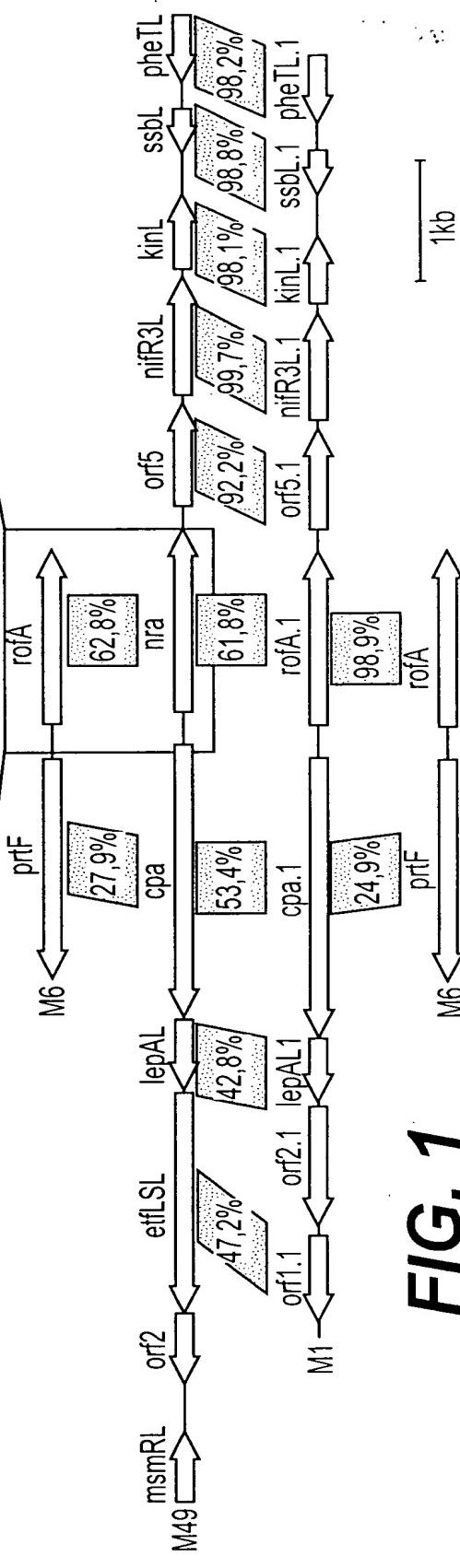


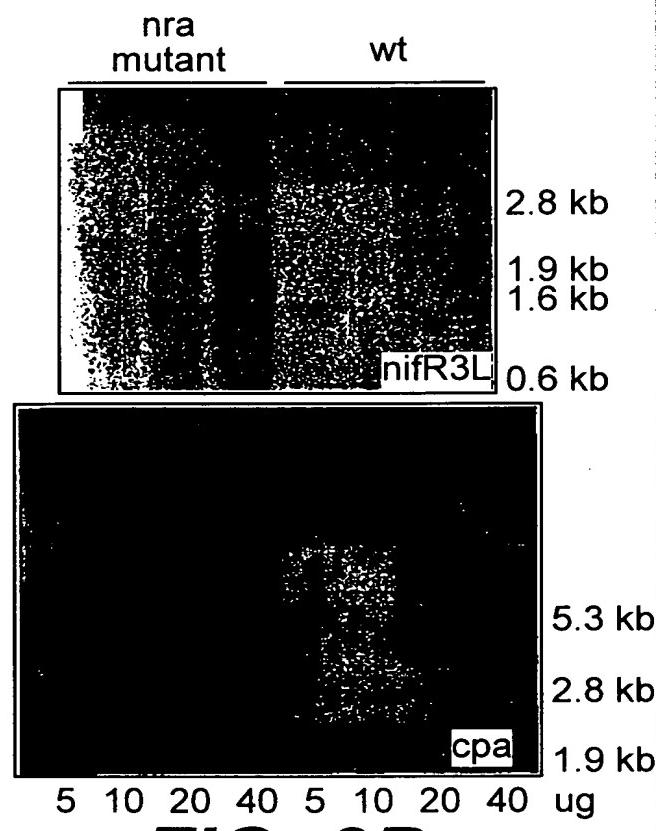
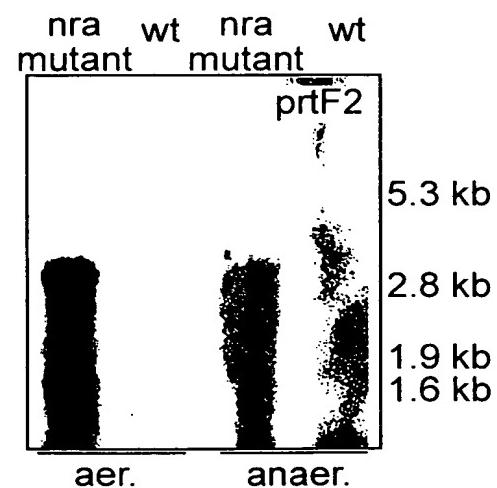
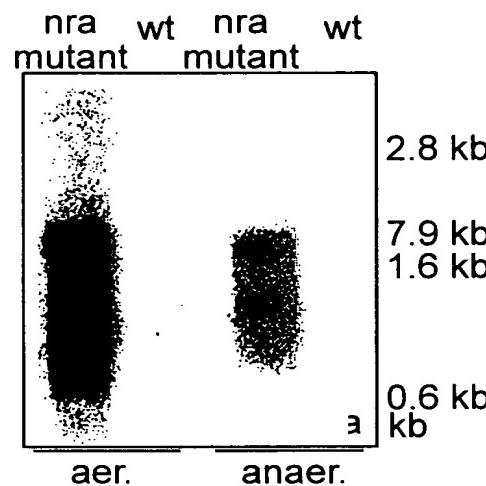
COMPARISON OF THE GAS NRA/ROFA GENOMIC REGIONS

	10	20	30	40	50	60	70	80	90	100	110	120
RofA	M P Y K K K D S E F L V E T Y L E Q S I R D K S E V L L F K S P T I I F S H V A K Q T G L T A V Q L K Y C K E L D D F G M N L D I T K G K I I C C F V K P V K E F Y L H Q L Y D T S T I L K L L V F I K N G T S S Q P L K F S	i . K . . S . E S . C Q . . V . F . t S Y I P I T E . E K . . F I . N H . E . N A . P D S . S m . Q . R M . S . Q . T H . F . T . Y . A s . N v . Q . A . L . . S H . R . T D . a	K K Y F I L S S S A Y R L R E S L I K L L R E F G L R V S K N T I V G E E Y R I V Y L I A M I Y S K F G I T Y P L D H D N Q I I Y R F L S Q S A T N L R T S P W L E E P P S Y M M L L A S W K R H Q F A V S I P Q T R I F R Q L K K L F	r S H . N . . m . . a . P . . N . E . k 1 . . K 1 k v . D . T Q Q . K n T . H S . . . H . S . H . k . . . S . S . . . D i S . t Q	I Y D C U L T R S S R Q V I E N A F S L T F S Q G D L D Y L F L I Y I T T N S F A S L Q M T P Q H I E T C C H I F E E N D T F R L L E P I L K R L P Q I N H S K Q D L I K A M V F S K S E L F N L Q H F V I E T P S F S L P T Y T G N S N L	S . K k . . D i . . T Y C Q . N . A y a E . R Q . . Q 1 K . . i T L . . n . K E Q . P S . V . . f	i P . T N L . V S . Y . K . . Q	Y K A L K N I T I N Q N Q L A Q L P G K R H L N E K H L Q L F C S H I E Q I L K M K Q P A L T V W L I S S N F I N A K L L D T I P R Y F S D K G I H F Y S F Y I L R D D I Y Q I P S I K P D L V I T H S R L I P F V K N D L V K G V T V A E F S F	T s . L . E E . m . K . . . Y . H . . F H . . . H Y V . . . r . I . P . V . . F v a S F Q . N v . . . D Q H H e . T . i a . . . I . . .	D K P D Y S I A S I Q N L I Y Q L K D K K Y Q D F L N E Q I Q	511	
RofA	E E . T . R V . e e . f . A D . T K . . T	497										



APPROVED	O. G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

**TRANSCRIPT ANALYSIS OF SELECTED GENES
IN GAS wt AND nra MUTANT STRAINS**



APPROVED	O. G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

TRANSCRIPT ANALYSIS OF REGULATORY GENES
IN GAS wt,mga AND nra MUTANT STRAINS

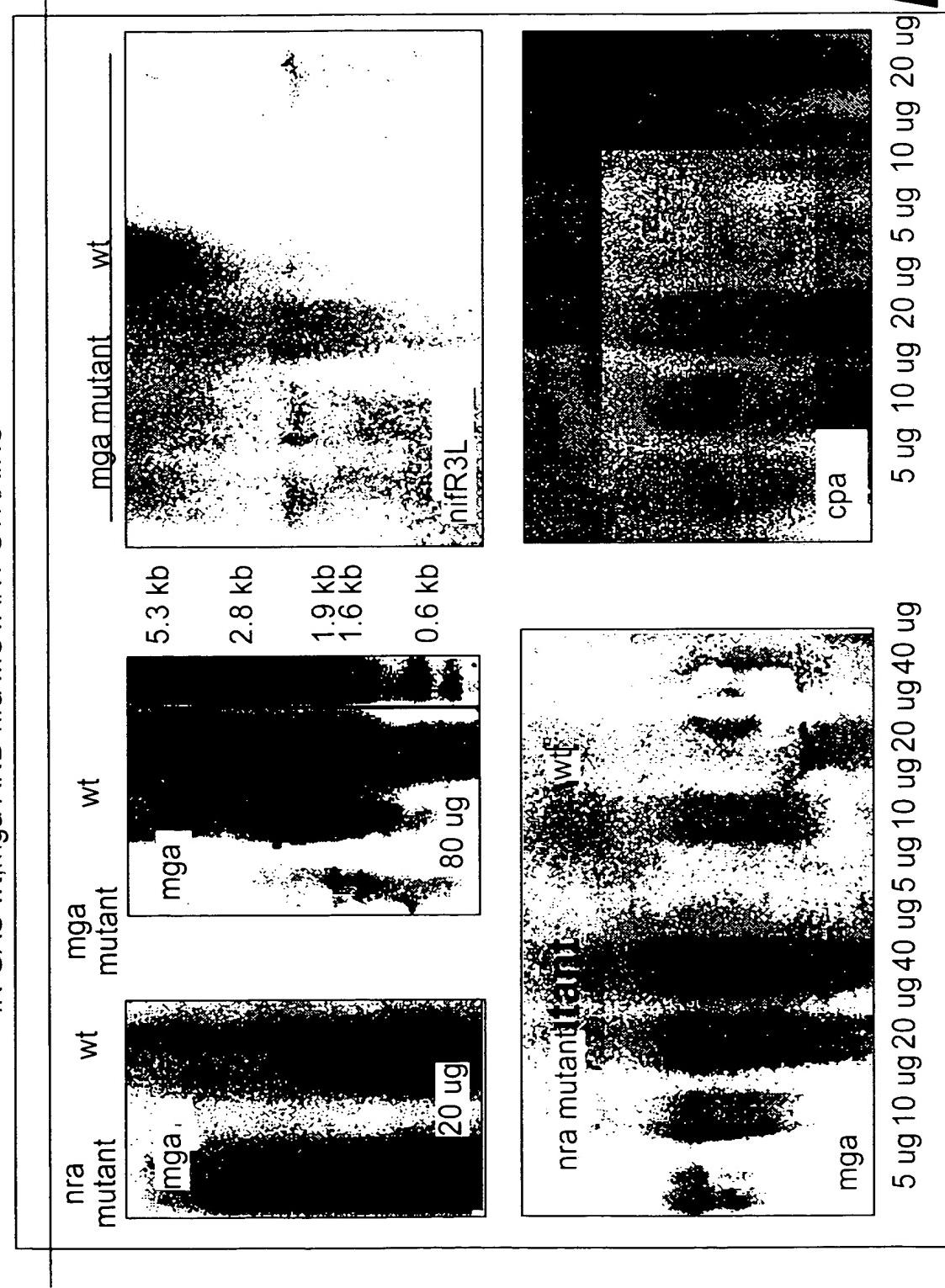


FIG. 3

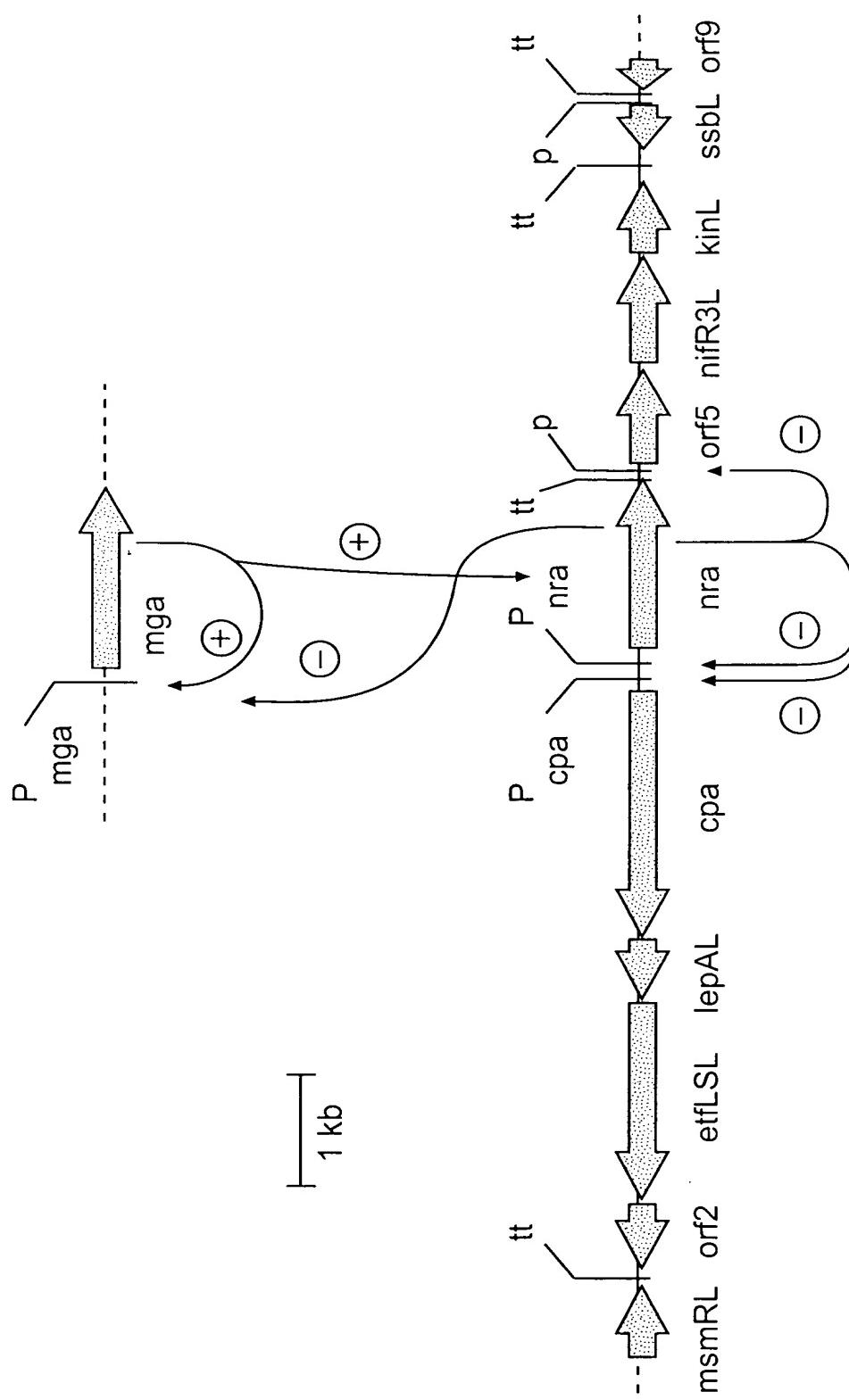


FIG. 4

APPROVED	O. G. FIG.
BY	2-95 SUBCLASS
DRAFTSMAN	

Binding to immobilized human matrix proteins by GAS
 wt and nra-mutant strains grown in/on THY-medium
 to logarithmic/stationary growth phase in an
 aerobic/anaerobic atmosphere

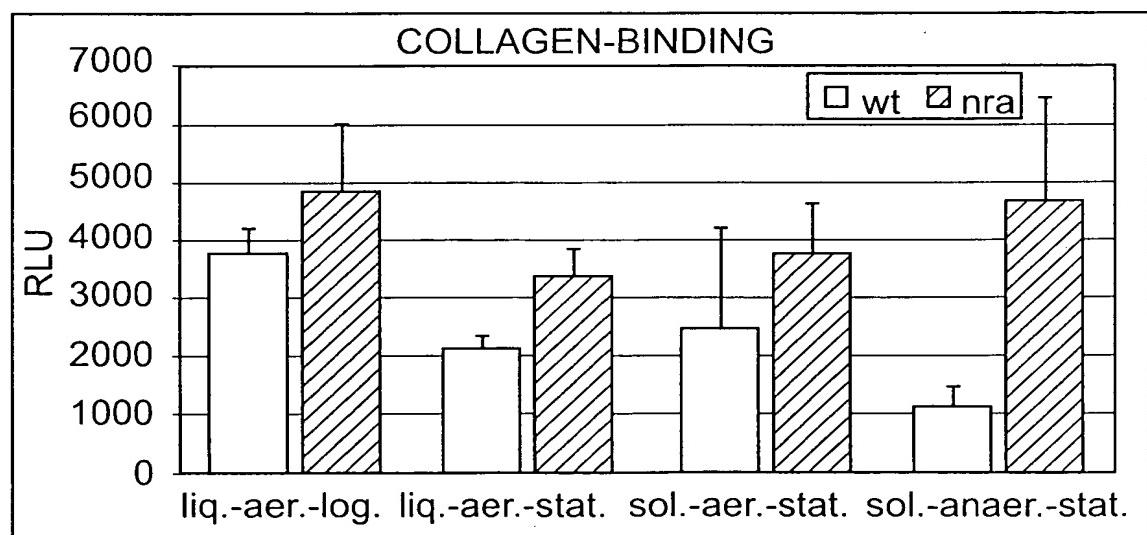
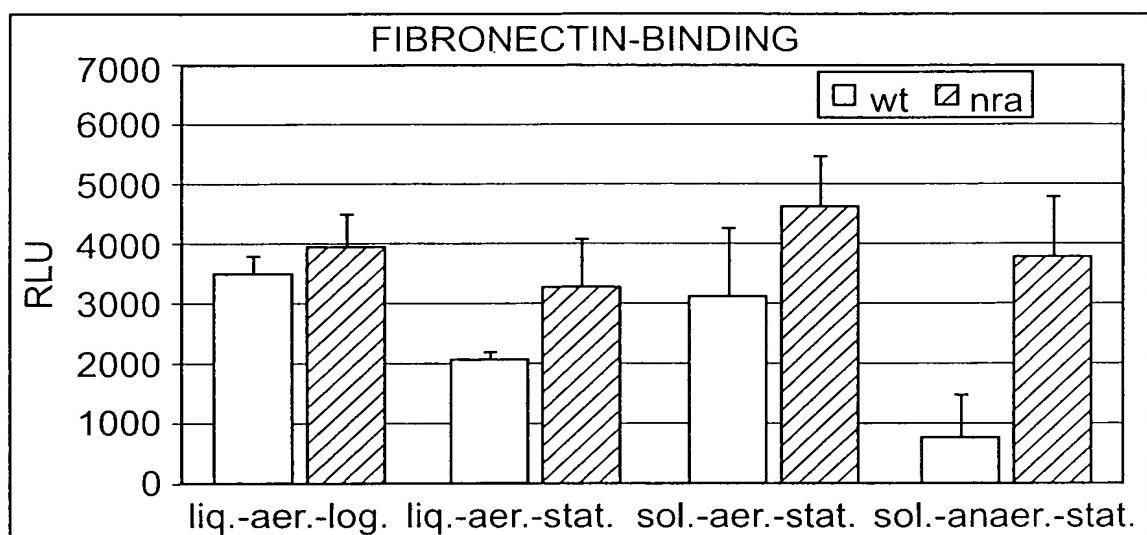


FIG. 5